

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Atty. Docket No. 7024-109/PUR-48-PCT-US	Serial No. Unknown			
Sheet 1 of 4			Applicant Nancy W.Y. Ho et al.				
			Filing Date November 5, 1998	Group Art Unit Unknown			
<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS			
				SUBCLASS			
				Filing Date If appropriate			
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	DE 40-09-676 A1	10/2/91	Germany	C12	N1/19	X	
PAR	WO 95/13362	5/18/95	PCT	C12	N1/14	X	
Examiner <i>Hope Robinson</i>			Date Considered <i>4/5/00</i>				

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Sheet 2 of 4		Applicant Nancy W.Y. Ho et al.	
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Examiner Initial	PUBLICATION		
<i>HAC</i>	Ammerer, G., "Expression Of Genes In Yeast Using The ADC1 Promoter," <u>Methods In Enzymology</u> , Vol. 101, pp. 192-201 (1983).		
	Amore, R., Wilhelm, M. and Hollenber, C.P., "The Fermentation Of Xylose - An Analysis Of The Expression Of <i>Bacillus</i> And <i>Actinoplanes</i> Xylose Isomerase Genes In Yeast," <u>Appl. Microbiol. Biotechnol.</u> , Vol. 30, pp. 351-357 (1989).		
	Becker, D.M. and Guarante, L., "High-Efficiency Transformation Of Yeast By Electroporation," <u>Methods In Enzymology</u> , Vol. 194, pp. 182-187 (1991).		
	Bennetzen, J.L. and Hall, B.D., "The Primary Structure Of The <i>Saccharomyces cerevisiae</i> Gene For Alcohol Dehydrogenase I," <u>J. Biol. Chem.</u> , Vol. 257, No. 6, pp. 3018-3025 (1982).		
	Burke, R.L., Tekamp-Olson, P. and Najarian, R., "The Isolation, Characterization, And Sequence Of The Pyruvate Kinase Gene Of <i>Saccharomyces cerevisiae</i> ," <u>J. Biol. Chem.</u> , Vol. 258, No. 4, pp. 2193-2201 (1983).		
	Chang, S-F. and Ho, N.W.Y., "Cloning The Yeast Xylulokinase Gene For The Improvement Of Xylose Fermentation," pp. 313-318 (1988).		
	Chen, Z. and Ho, N.W.Y., "Cloning And Improving The Expression Of <i>Pichia stipitis</i> Xylose Reductase Gene In <i>Saccharomyces cerevisiae</i> ," <u>Appl. Biochem. And Biotech.</u> , Vol. 39, No. 40, pp. 135-147 (1993).		
	Chevallier, M.R. and Aigle, M., "Qualitative Detection Of Penicillinase Produced By Yeast Strains Carrying Chimeric Yeast-Coli Plasmids," <u>FEBS Letters</u> , Vol. 108, No. 1, pp. 179-180 (December 1979).		
	Chiang, L-C., Hsiao, H-Y., Ueng, P.P., Chen, L-F. and Tsao, G.T., "Ethanol Production From Xylose By Enzymic Isomerization And Yeast Fermentation," pp. 263-274.		
	D'Amore, T., Celotto, G., Russell, I. and Stewart, G.G., "Selection And Optimization Of Yeast Suitable For Ethanol Production At 40°C," <u>Enzyme Microb. Technol.</u> , Vol. 11, pp. 411-416 (July 1989).		
	D'Amore, T., Panchal, C.J., Russell, I., Stewart, G.G., "A Study Of Ethanol Tolerance In Yeast," <u>Critical Reviews In Biotechnology</u> , Vol. 9, No. 4, pp. 287-304 (1990).		
	Deng, X.X. and Ho, N.W.Y., "Xylulokinase Activity In Various Yeasts Including <i>Saccharomyces cerevisiae</i> Containing The Cloned Xylulokinase Gene," <u>Appl. Biochem. And Biotech.</u> , Vol. 24, No. 25, pp. 193-199 (1990).		
<i>APR</i>	Fujii, T., Kondo, K., Shimizu, F., Sone, K.K., Tanaka, J-I. and Inoue, T., "Application Of A Ribosomal DNA Integration Vector In The Construction Of A Brewer's Yeast Having a-Acetylactate Decarboxylase Activity," <u>Appl. Environ. Microbiol.</u> , Vol. 56, No. 4, pp. 997-1003 (April 1990).		
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<i>HR</i>		Grootjen, D.R.J., van der Lans, R.G.J.M. and Luyben, K.Ch.A.M., "Effects Of The Aeration Rate On The Fermentation Of Glucose And Xylose By <i>Pichia stipitis</i> CBS 5773," <i>Enzyme Microb. Technol.</i> , Vol. 12, pp. 20-23 (January 1990).	
		Hallborn, J., Walfridsson, M., Airaksinen, U., Ojamo, H., Hahn-Hägerdal, B., Penttilä, M. and Keränen, S., "Xylitol Production By Recombinant <i>Saccharomyces cerevisiae</i> ," <i>Biotechnology</i> , Vol. 9, pp. 1090-1095 (November 1991).	
		Ho, N.W.Y. and Chang, S-F., "Cloning Of Yeast Xylulokinase Gene By Complementation Of <i>E. coli</i> And Yeast Mutations," <i>Enzyme Microb. Technol.</i> , Vol. 11, pp. 417-421 (July 1989).	
		Ho, N.W.Y., Stevis, P., Rosenfeld, S., Huang, J.J. and Tsao, G.T., "Expression Of The <i>E. coli</i> Xylose Isomerase Gene By A Yeast Promoter," <i>Biotech. And Bioeng. Symp.</i> No. 13, pp. 245-250 (1983).	
		Holland, J.P. and Holland, M.J., "The Primary Structure Of A Glyceraldehyde-3-Phosphate Dehydrogenase Gene From <i>Saccharomyces cerevisiae</i> ," <i>J. Biol. Chem.</i> , pp. 9839-9845 (1979).	
		Jeffries, T.W., "Emerging Technology For Fermenting D-xylose," pp. 208-212.	
		Jeffries, T.W., "Utilization Of Xylose By Bacteria, Yeasts, And Fungi," pp. 1-32.	
		Kötter, P., Amore, R., Hollenberg, C.P. and Ciriacy, M., "Isolation And Characterization Of The <i>Pichia stipitis</i> Xylitol Dehydrogenase Gene, XYL2, And Construction Of A Xylose-Utilizing <i>Saccharomyces cerevisiae</i> Transformant," <i>Curr. Genet.</i> , Vol. 18, pp. 493-500 (1990).	
		Kötter, P. and Ciriacy, M., "Xylose Fermentation By <i>Saccharomyces cerevisiae</i> ," <i>Appl. Microbiol. Biotechnol.</i> , Vol. 38, pp. 776-783 (1993).	
		Kunkel, T.A., Roberts, J.D. and Zakour, R.A., "Rapid And Efficient Site-Specific Mutagenesis Without Phenotypic Selection," <i>Meth. Enzymol.</i> , Vol. 154, p. 367-382 (1987).	
		Lastick, S.M., Tucker, M.Y., Beyette, J.R., Noll, G.R. and Grohmann, K., "Simultaneous Fermentation And Isomerization Of Xylose," <i>Appl. Microbiol. Biotechnol.</i> , Vol. 30, pp. 574-579 (1989).	
<i>HR</i>		Le Dall, M-T., Nicaud, J-M. and Gaillardin, C., "Multiple-Copy Integration In The Yeast <i>Yarrowia lipolytica</i> ," <i>Curr. Genet.</i> , Vol. 26, pp. 38-44 (1994).	
<i>HR</i>		Lopes, De Wijs, I.J., Steenhauer, S.I., Verbakel, J. and Plants, R.J., "Factors Affecting The Mitotic Stability Of High-Copy-Number Integration Into The Ribosomal DNA Of <i>Saccharomyces cerevisiae</i> ," Vol. 12, pp. 467-477 (1996).	
<i>HR</i>		Rosenfeld, S.A., Stevis, P.E. and Ho, N.W.Y., "Cloning And Characterization Of The <i>xyI</i> Genes From <i>Escherichia coli</i> ," <i>Mol. Gen. Genet.</i> , Vol. 194, pp. 410-415 (1984).	
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HAC		Sarthy, A.V., McConaughy, B.L., Lobo, Z., Sundstrom, J.A., Furlong, C.E. and Hall, B.D., "Expression Of The <i>Escherichia coli</i> Xylose Isomerase Gene In <i>Saccharomyces cerevisiae</i> ," <i>Appl. Environ. Microbiol.</i> , Vol. 53, No. 9, pp. 1996-2000 (September 1987).	
		Stevis, P.E. and Ho, N.W.Y., "Overproduction Of D-xylose Isomerase In <i>Escherichia coli</i> By Cloning The D-xylose Isomerase Gene," <i>Enzyme Microb. Technol.</i> , Vol. 7, pp. 592-596 (December 1985).	
		Stevis, P.E., Huang, J.J. and Ho, N.W.Y., "Cloning Of The <i>Pachysolen tannophilus</i> Xylulokinase Gene By Complementation In <i>Escherichia coli</i> ," <i>Appl. Environ. Microbiol.</i> , Vol. 53, pp. 2975-2977 (December 1987).	
		Takuma, S., Nakashima, N., Tantirungkij, M., Kinoshita, S., Okada, H., Seki, T. and Yoshida, T., "Isolation Of Xylose Reductase Gene Of <i>Pichia stipitis</i> And Its Expression In <i>Saccharomyces cerevisiae</i> ," <i>Appl. Biochem. Biotechnol.</i> , Vol. 28, No. 29, pp. 327-340 (1991).	
HAC		Tantirungkij, M., Izuishi, T., Seki, T. and Yoshida, T., "Fed-Batch Fermentation Of Xylose By A Fast-Growing Mutant Of Xylose-Assimilating Recombinant <i>Saccharomyces cerevisiae</i> ," <i>Appl. Microbiol. Biotechnol.</i> , Vol. 41, pp. 8-12 (1994).	
		Tantirungkij, M., Seki, T. and Yoshida, T., "Genetic Improvement Of <i>Saccharomyces cerevisiae</i> For Ethanol Production From Xylose," <i>Ann. N.Y. Acad. Sci.</i> , pp. 138-147 (May 2, 1994).	
		Toivola, A., Yarrow, D., van den Bosch, E., van Dijken, J.P. and Scheffers, W.A., "Alcoholic Fermentation of D-Xylose By Yeasts," <i>Appl. Environ. Microbiol.</i> , Vol. 47, No. 6, pp. 1221-1223 (June 1984).	
		Wilhelm, M. and Hollenberg, C.P., "Selective Cloning Of <i>Bacillus subtilis</i> Xylose Isomerase And Xylulokinase In <i>Escherichia coli</i> Genes By IS5-Mediated Expression," <i>EMBO J.</i> , Vol. 3, No. 11, pp. 2555-2560 (1984).	
HAC		Yamano, S., Kondo, K., Tanaka, J. and Inoue, T., "Construction Of A Brewer's Yeast Having $\alpha$ -Acetolactate Decarboxylase Gene From <i>Acetobacter aceti</i> ssp. <i>Xylinum</i> Integrated In The Genome," <i>J. Biotech.</i> , Vol. 32, pp. 173-178 (1994).	
HAC		Zalkin, H. and Yanofsky, C., "Yeast Gene TRP5: Structure, Function, Regulation," <i>J. Biol. Chem.</i> , Vol. 257, No. 3, pp. 1491-1500 (1982).	
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